



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

Curv-A-Tech Corporation
930 W. 23rd Street
Hialeah, FL 33010

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "300 STD" Aluminum Single Hung Window – N.I.

APPROVAL DOCUMENT: Drawing No. **W98-25**, titled "S-300 (STD) Alum. Single Hung Wdw. (N.I.)", sheets 1 through 5 of 5, dated 03/25/98 with revision E dated 06/28/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA # **06-1204.02** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 11-0816.07
Expiration Date: November 12, 2016
Approval Date: October 20, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W98-25**, Sheets 1 through 5 of 5, titled "S-300 STD Alum Single Hung Wdw. (N.I.)", dated 03/25/98 with revision E dated 06/28/11, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6515** dated May18, 2011, signed and sealed by Marlin D. Brinson, P.E.
2. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1957** dated February 25, 1998, signed and sealed by Gilbert Diamond, P.E.
(Submitted under previous NOA #06-1204.02)
3. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1958** dated March13, 1998, signed and sealed by Gilbert Diamond, P.E.
(Submitted under previous NOA #06-1204.02)
4. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1962** dated March16, 1998, signed and sealed by Gilbert Diamond, P.E.
(Submitted under previous NOA #06-1204.02)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-0816.07

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B. TESTS (CONTINUED)

5. Test reports on: 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1942** dated March 03, 1998, signed and sealed by Gilbert Diamond, P.E.
(Submitted under previous NOA #06-1204.02)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC-2010, prepared by Al-Farooq Corporation, dated 06/27/11, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS


1. None.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated 06/27/11, signed and sealed by Javad Ahmad, P.E.
2. Proposal No. **11-0267** issued by BNC, dated March 30, 2011, signed by Manuel Perez, P. E.

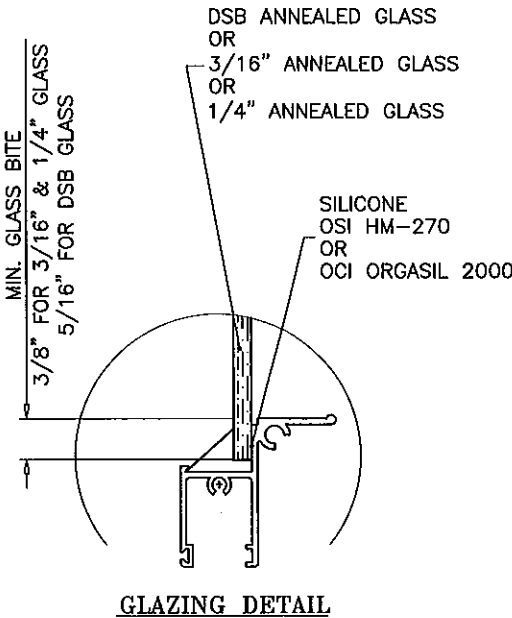
G. OTHERS

1. Notice of Acceptance No. **06-1204.02**, issued to Curv-A-Tec Corporation for their Series 300 (STD) Aluminum Single Hung Window, approved on 03/01/07 and expiring on 11/12/11.


Manuel Perez, P.E.
Product Control Examiner
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DESIGN LOAD CAPACITY - PSF										
WINDOW DIMS.		NUMBER OF ANCHORS/JAMB	1 OVER 1						TRUE COLONIAL	
			DSB-ANNEALED GLASS		3/16"-ANNEALED GLASS		1/4"-ANNEALED GLASS		DSB-ANNEALED GLASS	
WIDTH	HEIGHT		EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)	EXT. (+)	1NT. (-)
19-1/8"	26"	4	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
26-1/2"		4	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
37"		4	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
53-1/8"		4	55.3	77.7	55.3	105.0	55.3	105.0	53.3	78.0
19-1/8"	38-3/8"	6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
37"		6	55.3	77.7	55.3	122.0	55.3	122.0	53.3	78.0
53-1/8"		6	55.2	55.2	55.3	76.7	55.3	76.7	53.3	64.8
19-1/8"	50-5/8"	6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
37"		6	55.3	68.2	55.3	104.1	55.3	104.1	53.3	78.0
53-1/8"		6	40.1	40.1	55.3	62.6	55.3	62.6	52.9	52.9
19-1/8"	58"	6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
37"		6	55.3	63.2	55.3	98.3	55.3	98.3	53.3	78.0
53-1/8"		6	39.2	39.2	55.3	57.3	55.3	57.3	48.3	48.3
19-1/8"	63"	6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
26-1/2"		6	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
37"		6	55.3	59.1	55.3	95.8	55.3	95.8	53.3	78.0
53-1/8"		6	38.8	38.8	54.5	54.5	54.5	54.5	46.0	46.0
19-1/8"	74-1/4"	8	55.3	78.0	55.3	125.0	55.3	125.0	53.3	78.0
26-1/2"		8	55.3	64.3	55.3	118.1	55.3	125.0	53.3	78.0
37"		8	51.3	51.3	55.3	85.1	55.3	93.7	53.3	78.0
53-1/8"		8	-	-	50.0	50.0	50.0	50.0	-	-

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
OCT 13 2011

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0816-07
Expiration Date Nov. 12, 2016
By *[Signature]*
Miami Dade Product Control

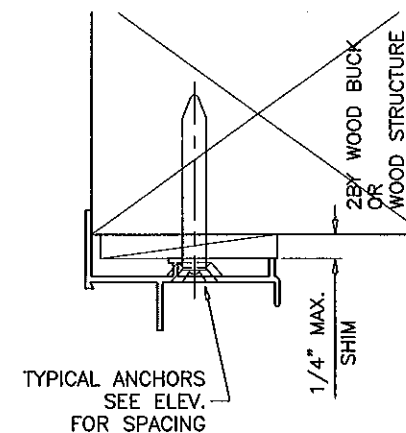
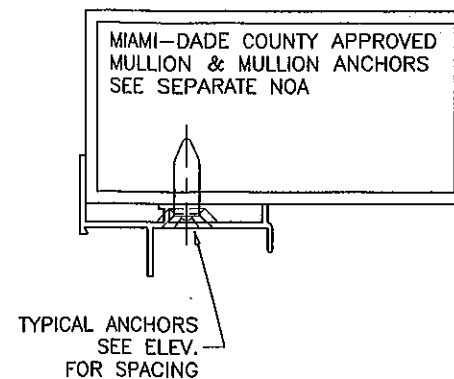
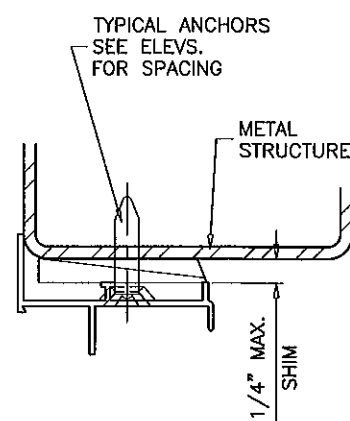
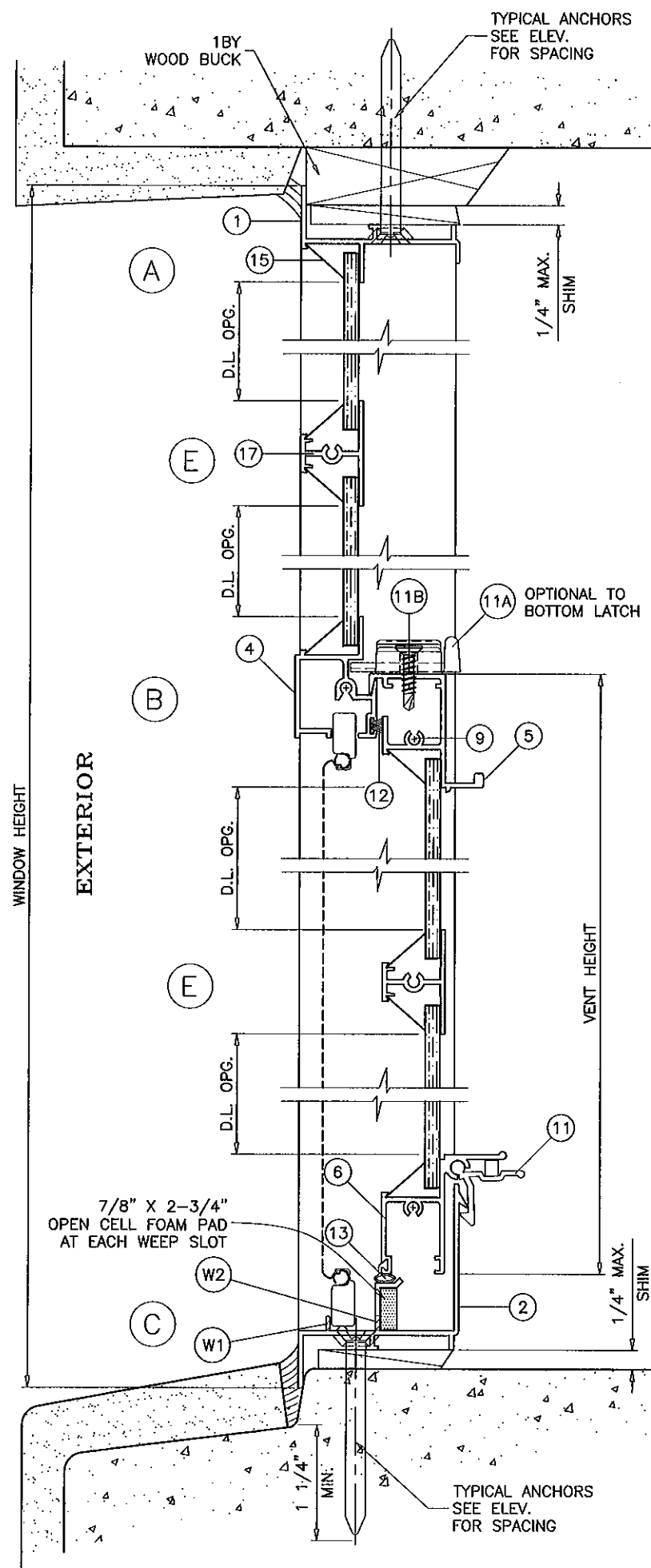
a f c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W98-25CT

S-300 (STD) ALUM SINGLE HUNG WDW. (N.I.)
CURV-A-TECH CORPORATION
930 W. 23rd STREET
HIALEAH, FL 33010
TEL (305) 888-9631 FAX (305) 888-9969

revisions:		date:		scale:		dr. by:		chk. by:	
no	description	no	date	1/2"=1'-0"	1/2"=1'-0"	HAMID			
D	08.17.05 CHART REV.								
E	06.28.11 UPDATED TO 2007 FBC								

drawing no.
W98-25

sheet 2 of 5



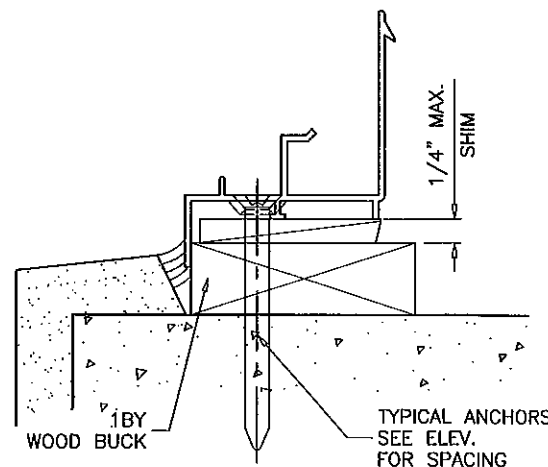
WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

SEALANTS:

FRAME CORNERS, FRAME SILL INSTALLATION SCREWS, VENT CORNER SEAMS AND FIXED MEETING RAIL AT END SEALED WITH 'SCHNEE MOREHEAD SM 5504' SEALANT. OR EQUIVALENT

WEEP HOLES:

W1 = 1-1/2" LONG WEEP NOTCH AT 2-3/4" FROM EACH END
W2 = 1-3/4" X 3/16" WEEP HOLE AT 3-1/2" FROM EACH END



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#12 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 1-1/4" MIN.

INTO WOOD STRUCTURE = 3/4" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

Engr: JAVAD AHMAD
CIVIL
FLA. P.E. # 70592
C.A.N. 3538

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By *Wahneel Jara*
Miami Dade Product Control

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CURV-A-TECH CORPORATION

930 W. 23rd STREET

HALEAH, FL 33010

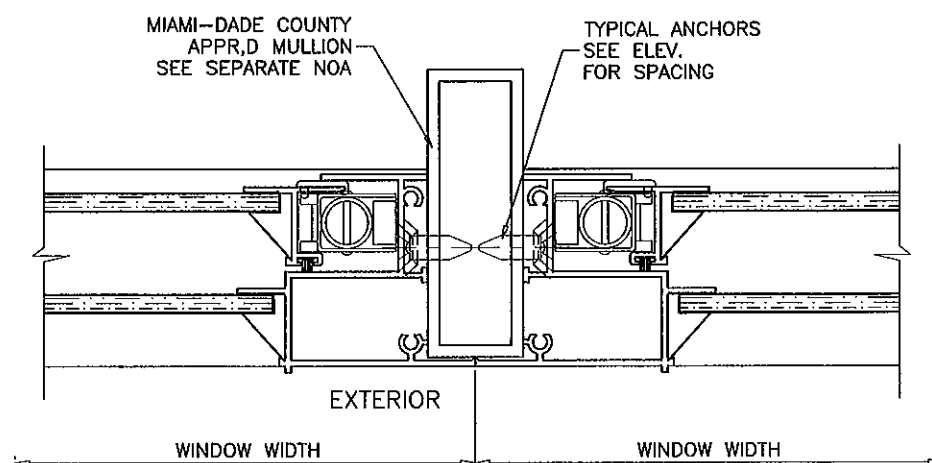
TEL (305) 888-9631 FAX (305) 888-9969

revisions:	no	date	by	description
	D	08.17.05		NO CHANGE THIS SHEET
	E	06.28.11		UPDATED TO 2007 FBC

date: 03-25-98	scale: 1/2" = 1"
dr. by: HAMID	chk. by:

drawing no.
W98-25
sheet 3 of 5

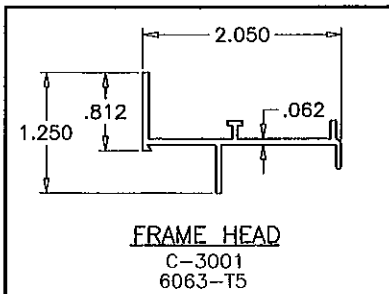
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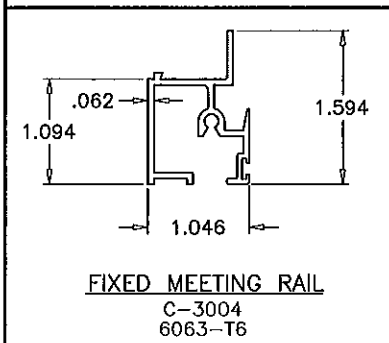
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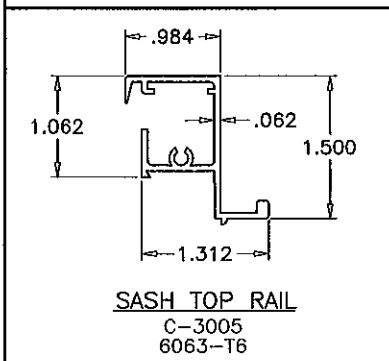
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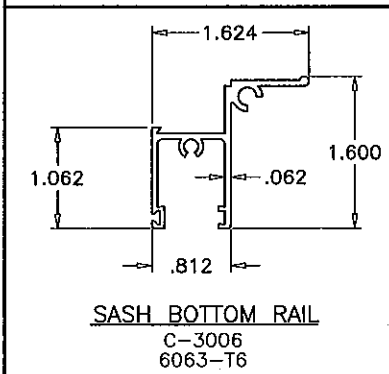
FRAME HEAD
C-3001
6063-T5



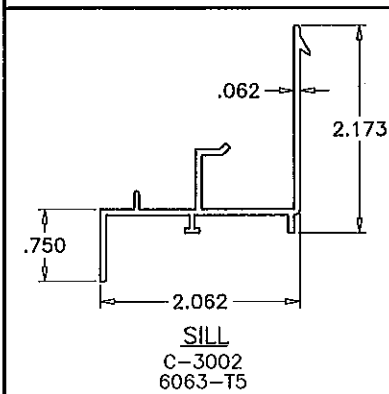
FIXED MEETING RAIL
C-3004
6063-T6



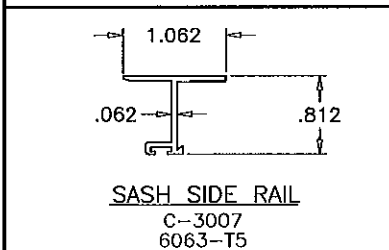
SASH TOP RAIL
C-3005
6063-T6



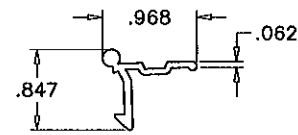
SASH BOTTOM RAIL
C-3006
6063-T6



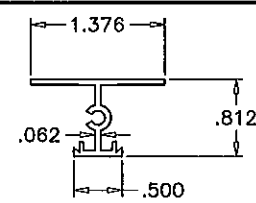
SILL
C-3002
6063-T5



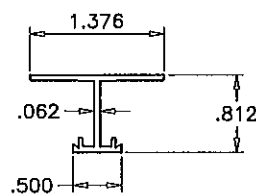
SASH SIDE RAIL
C-3007
6063-T5



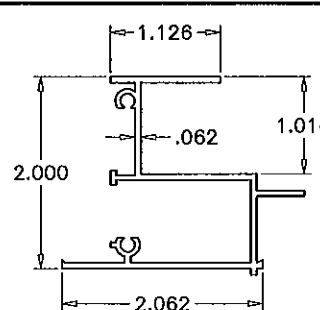
HOOK LOCK
C-3009
6063-T6



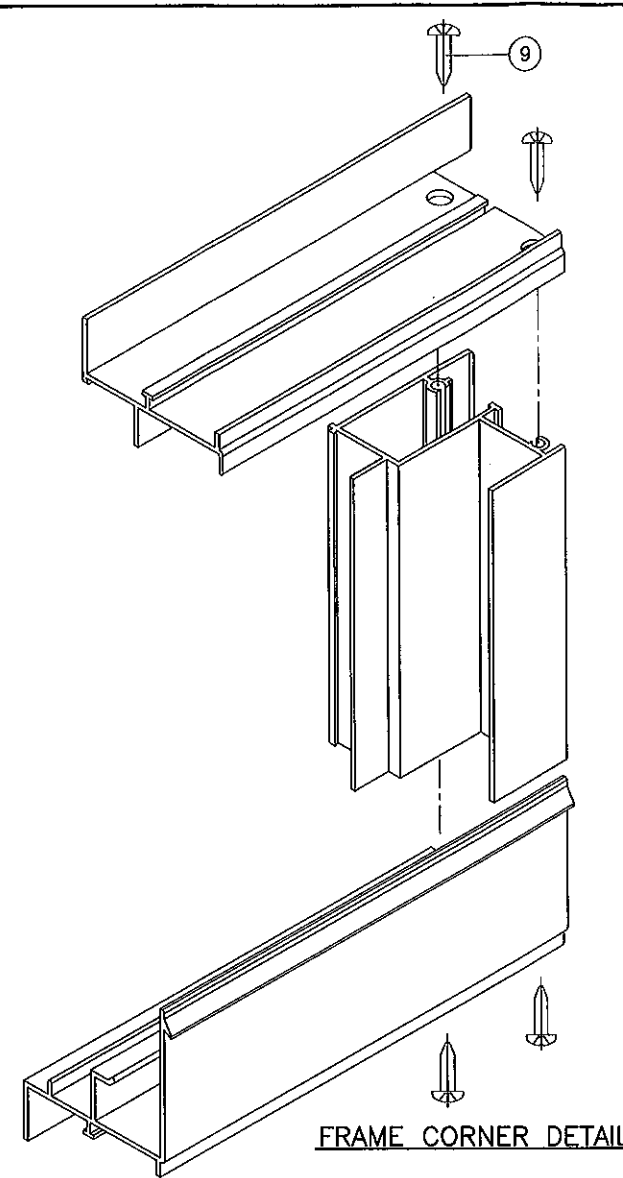
HORIZ. MUNTIN
C-3010
6063-T6



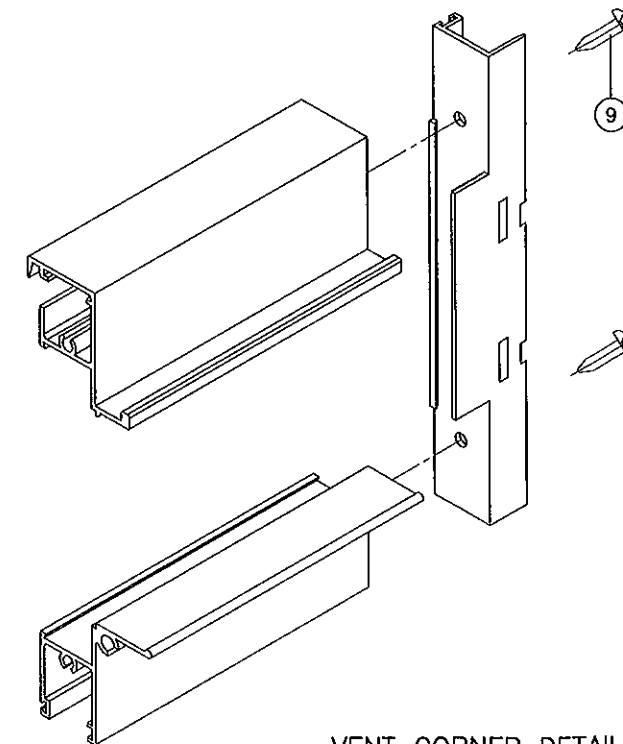
VERT. MUNTIN
C-3014
6063-T5



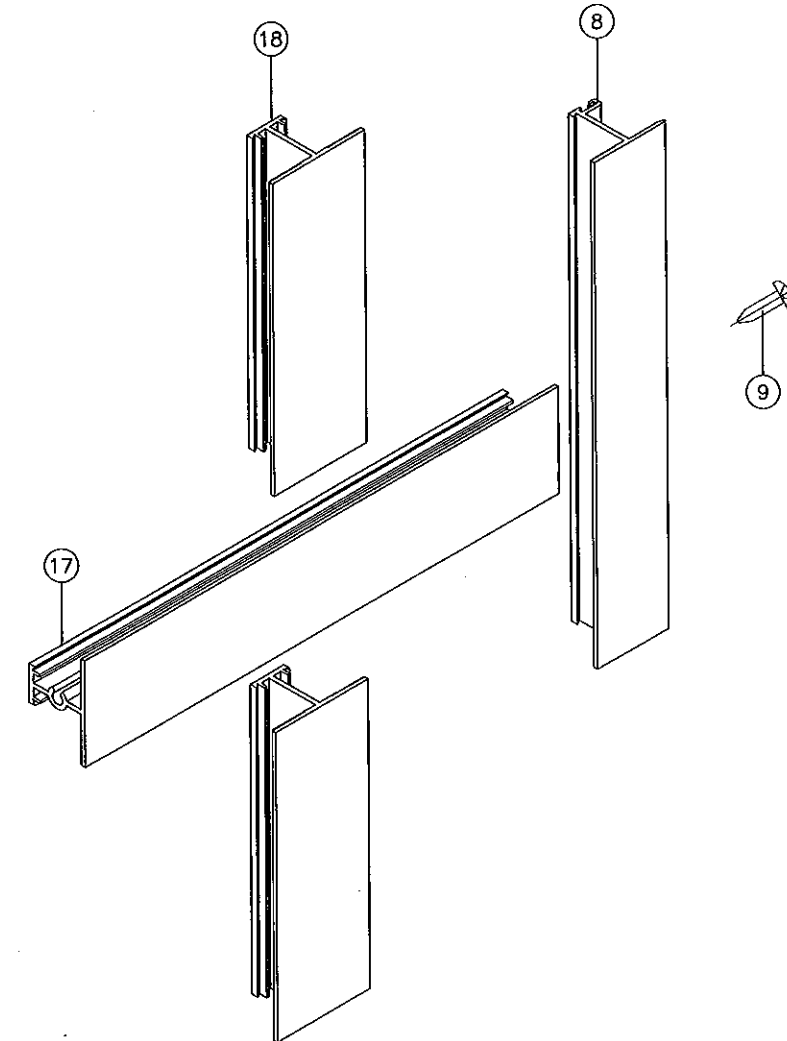
FRAME JAMB
C-3003
6063-T5



FRAME CORNER DETAIL



VENT CORNER DETAIL



MUNTIN COPING DETAIL

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
08/03/2011

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sheet 5 of 5